Computer Science Guess Papers 2023
Most Important Short Questions and Long questions of Computer Science 2023

Chapter 1

Define IDE and write the names of IDES of C-programming languages. C

Define compiler. Also describe the purpose of a compiler.

What is meant reserved words? Give 4 examples of them.

What is meant by programming environment? Why do we need a programming environment?

What is meant by comments? Write the purpose of using comments

Differentiate between char and int.

What is a variable? How can we declare and initialize a variable?

Give the use of text editor.

Define a syntax. State the purpose of syntax.

What is meant by constant? Name its types.

Write down two rules for naming variables.

What is meant by computer program? And what are programmers called?

What is meant by syntax error?

Long

Define the program. Describe the structure of the C program.

Define variables. Write the rules for naming variables.

Define variables. Describe its data types.

What is meant by comments? Write the purpose of using comments.

Explain the constants and variables in detail.

Define statement terminator.

Chapter 2

Define format specifier. Why format specifiers are important to be specified in operations?

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Define escape sequence. Explain about \n and \t.

What is the difference between scanf and getch?

Define modulus operator. Write the use of modulus operat

What are escape sequences? Why do we need them?

What is the difference between unary operators

and binary operators?

Define assignment operator. What is the difference between == operator and =operator?

What is meant by precedence of operators? Which operator has the highest precedence in C language?

What are relational and logical operators? Explain with example.

Write the purpose and syntax of printf() and scanf() function.

Write the purpose and syntax of scanf() function.

Define escape sequence. Explain different escape sequences that are used in C language.

What are format specifiers. Explain with examples different format specifiers used in C language.

Explain any four arithmetic operators.

Chapter 3

Define a condition. Why do we need conditional statements?

Differentiate between sequential and selection

statements. C What is the selection statement? Write the names

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Define a condition. Why do we need conditional statements?

Differentiate between sequential and selection

statements. C What is the selection statement? Write the names

of types of selection statements. Differentiate between if statement and if-else statement.

What is the use of nested selection structure?

What is an if statement? Write its structure and flow chart.

What is an if-else statement? Write its structure and flow chart.

What is meant by nested if? Write its structure and flow chart.

Define sequential control.

What is meant by compound statement? Also give an example.

Chap 4
Define data structure.

Define array. And what do you know about index of array?

Define array initialization. And explain how to initialize an array.

How are arrays declared? Declare an array of five members to store the numbers of five students.

Define loop structure. How many types of loops are there in C language? Name them

Define nested loops. And what is the use of nested loops?

What is the advantage of initializing an array at the time of declaration?

Explain the structure of a for loop and also draw a flowchart.

Explain two purposes of using loops. What is the difference between loops and arrays?

How to use for loop to read and write values in array?

What is meant by loop iteration?

Is loop a data structure? Justify your answer.

How can we access the elements of an array?

Long
Write a programm to print a table of numbers using a for loop.
Write a program that displays the values from 1-10 on the computer screen.

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Write a programm to print a table of numbers using a for loop.

Write a program that displays the values from 1-10 on the computer screen.

Write a program to print odd numbers from 1 to 9 using for loop.

Write a program to print even numbers from 2 to 20 using for loop.

Write a program to print the sum of the first ten natural numbers using a for loop.

Write a program that prints the factorial of a number using a for loop.

Write a program using for loop to print the alphabets from A to Z.

Chap 5

What is meant by function advantages of using functions.

Write two

Define function parameters.

Define reusability

What is meant by calling a function?

What is the difference between arguments and parameters? Give an example.

What is meant by signature of function? Write the syntax of function signature.

What is meant by function definition? Write the

syntax of function definition. What is meant by function body?

How is a function called?

How many values can a function return?

What is meant by user defined function and built in function?

What is divide and conquer approach?